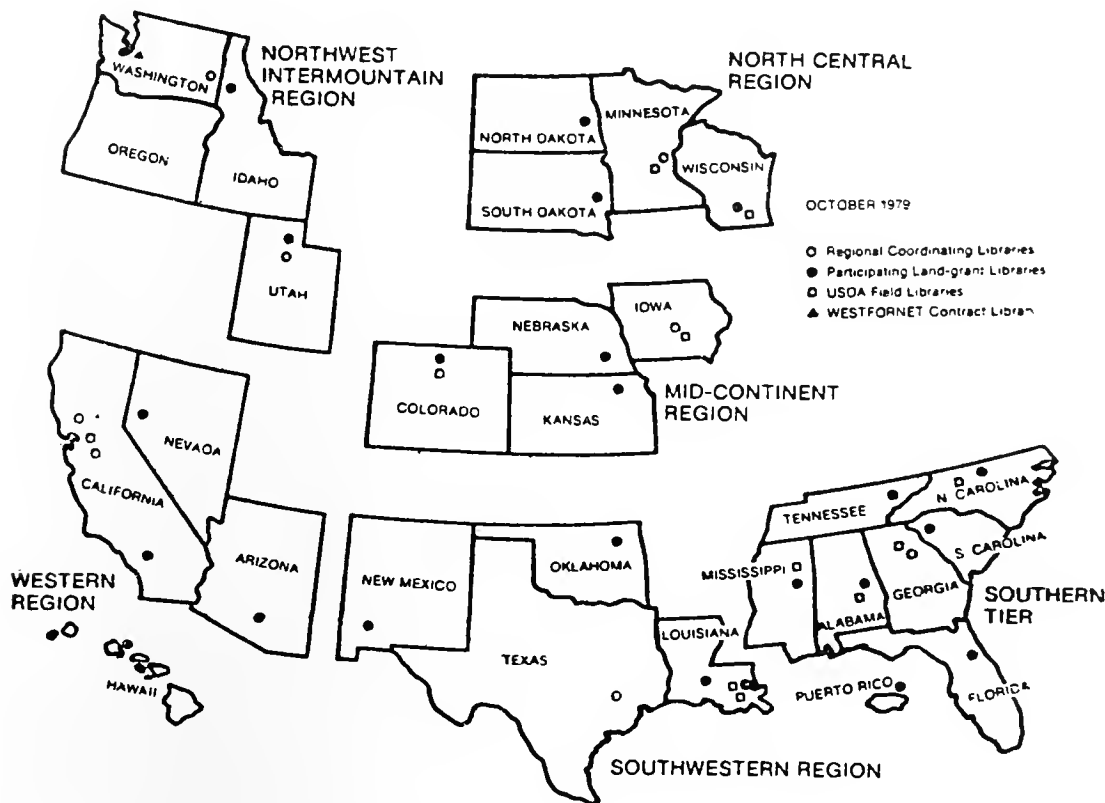


AGRICULTURAL LIBRARIES INFORMATION NOTES

U.S.D.A. REGIONAL DOCUMENT DELIVERY SYSTEM

REPORT FOR 1979

For five years land-grant university libraries have participated with the USDA and the National Agricultural Library to provide document delivery service to USDA personnel in their states and regions. Through local service the speed of delivery has been substantially improved.



The configuration of the System changed this year with the extension of service to four additional States and the establishment of a sixth region. Tennessee was added to the Southern Tier and Nevada to the Western Region on April 1; Puerto Rico was added to the Southern Tier on September 1.

The Mid-Continent Region was established in

September with Iowa State University as the Regional Coordinating Library. Colorado and Kansas were moved from the North Central Region to this new region in September and Nebraska in October. Montana joined the system in February 1980 as part of the North Central Region, bringing the states covered to 29.

(DOC. DEL., Continued on p. 2)

Major Activity in 1979

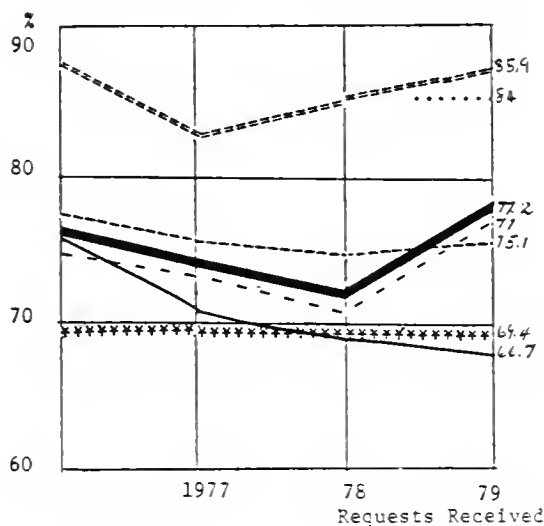
Although four States were added during 1979, there was 7.3% decrease in the number of requests received to 48,000 requests, as compared to 1978.

Increased requests were registered over 1978 in two regions:

- 3.8% in the Northwest Intermountain Region
- a whopping 31.1% in the Western Region.

Table 1

COMPLETION RATE BY REGION AND NATIONALLY



Southern	-----	13,300
Southwest	-----	11,300
Western	-----	4,700
NW Inter-mt	* * *	8,670
North Central	= = =	9,600
Mid-Continent	420
All Regions	-----	48,000

The total number of completions was down from 1978, but the completion rate increased from 73.4% to 75.1%.

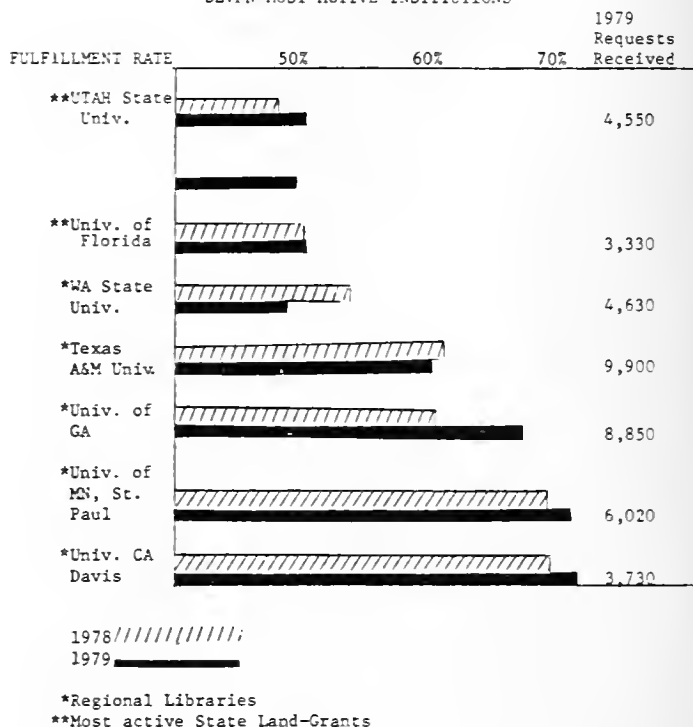
Two trends continued in 1979:

- The loan of hardcopy volumes in lieu photocopy continued to increase, to 6.1% of the total filled, compared to 5% the previous year.

--Percentage of titles searched went to 1.7% from 2.2% in 1978, perhaps a sign of better citations and familiarity with the journals.

Table 2

SEVEN MOST ACTIVE INSTITUTIONS



Costs


Costs were up slightly, although not near the country's inflation rate. The average cost of a transaction received was \$2.75 in 1979 compared to \$2.40 in 1978; the average cost per transaction completed was \$3.67 over \$3.27 the previous year. Average costs were up in all regions except in the Western. These rises were primarily related to the percentage of total costs at the regionals.





1890 LIBRARY DIRECTORS MEET

The 1890 Land-Grant Library Directors met in Atlanta, Ga., at the Sheraton-Inn, Atlanta Airport, March 5-6, 1980. Joining in the meeting were George C. Grant, Chairperson, Black Caucus of ALA and Cornelius McKissick, Liaison Officer from National Agricultural Library, Beltsville, Md. The purposes of this organization are to promote cooperation between the 1890 Land-Grant College Libraries; to assist the Directors and Staff of the 1890 Research Programs, and to maintain high standards of operation for the 1890 land-grant college libraries. The organization has several projects underway including "1890 Libline" a newsletter published quarterly.

The officers of the organization are: President, Dr. Barbara Williams Jenkins, S. C. State College; Vice President, Dr. Nicholas R. Gaymon, Florida A&M University; Secretary, Dr. Epsy Y. Hendricks, Alcorn State University; and Treasurer, Mrs. Anne King, Tuskegee Institute. Other members are: Dr. Birdie Weir, Alabama A&M University; Mr. Edward Fontenette, University of Arkansas-Pine Bluff; Dr. Daniel Coons, Delaware State College; Miss Homie Regulus, Fort Valley State College; Mr. Donald W. Lyons, Kentucky State University; Mrs. Georgia W. Brown, Southern University; Mrs. Jessie Cottman Smith, University of Maryland--Eastern Shore; Mrs. Freddie G. Ashford, Lincoln University, Jefferson City, Mo.; Mr. Richard Bradberry, Langston University; Dr. Evelyn Fancher, Tennessee State University; Mr. Frank Francis, Jr.; Prairie View A&M University and Mrs. Catherine V. Bland, Virginia State College. 

The Documentation Division of the Special Libraries Association has changed its name to the Information Technology Division. Originally founded in 1949, the Division was interested in handling the masses of technical reports or documents which came out of World War II and which did not lend themselves to traditional library book cataloging.

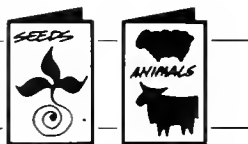
Over the years, interests have broaden to encompass the planning, development and practical application of existing and new technology and systems for the processing and control of information.

For additional information contact:

Marguerite Richie
Public Relations Chairman
Information Technology
Division
Special Libraries Association
c/o Tracor Jitco, Inc.
1776 East Jefferson
Street
Rockville, MD 20852



NEW SERIALS
RECEIVED AT NAL



ADVANCES IN ENVIRONMENTAL SCIENCE AND ENGINEERING. New York. Gordon and Beach Science Publishers. Vol. 1, 1979- TD1.A3

AGROFORESTRY REVIEW. Gravel Switch, Ky. International Tree Crops Institute U.S.A. Vol. 1, 1979- SB170.A3

ANALYTICAL AND QUANTITATIVE CYTOLOGY. St. Louis, Mo., International Academy of Cytology. Vol. 1, 1979- RC78.7.C9A6

CARBON-CARBON BOND FORMATION. New York, M. Dekker, Vol. 1, 1979- QD262.C29

DEVELOPMENTS IN NUTRITION AND METABOLISM. Amsterdam, New York, Elsevier/North Holland Biomedical, Vol. 1, 1979- RA784.A1D4

DIRECTORY OF AUSTRALIAN ASSOCIATIONS. Brisbane, Australasia Reference Research Publications, Ltd., 1st ed., 1973-79- AS718.D5

INTERNATIONAL BOOK TRADE DIRECTORY. London, New York, Bowker. 1st ed., 1979 80- Z282.T58

JOURNAL OF REPRODUCTIVE IMMUNOLOGY. Amsterdam, Elsevier/North Holland Biomedical Press. Vol. 1, 1979- QR180.J64

MANAGEMENT/MARKETING MEMO. [Washington], Rural Electrification Administration. 1979- aHE8701.U5

PROGRESS IN MACROCYCLIC CHEMISTRY. New York, Wiley. Vol. 1, 1979- QD331.P75

STUDIES IN ORGANIC CHEMISTRY. Amsterdam, New York, Elsevier Scientific Pub. Co. Vol. 1, 1979- QD241.S8

VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY. Amsterdam, Elsevier. Vol. 1, 1979- SF757.2.V38

NEW PUBLICATIONS
OF NOTE



Directory of Development Resources; On-Call Technical Support Services, Information Clearinghouses, Field Research Facilities, Newsletters, Data Banks, Training. Science & Technology, Education, Housing, Development Administration, Agriculture, Nutrition, Rural Development, Population, Health. [Wash.] Resource Utilization Division, Office of Development Information and Utilization, [U.S. Agency for International Development] 1979. Various paging. Free. Copies in English, French, or Spanish available from *Directory of Development Resources*, DS/DIU Resource Utilization, Agency for International Development (AID) Washington, D.C. 20523 U.S.A.

A Unified National Program for Flood Plain Management. Water Resources Council, Sept. 1979. Request from United States Water Resources Council, Suite 800, 2120 L St., N.W., Washington, DC 20037.



AGRICULTURAL TRANSLATIONS



Technical Information Systems reviews titles before translations are made in order to avoid duplication within USDA. We also receive copies on deposit often far in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at TIS. These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. _____ along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. _____ MUST be on the request. Both types of requests should be sent to:

Lending Division, Technical Information Systems
National Agricultural Library Building
U.S. Department of Agriculture
Beltsville, Maryland 20705

The Technical Translation Number will also be cited for those translations prepared for the U.S. Department of Agriculture and the National Science Foundation under the P.L. 480 program. Copies of these translations may also be ordered from the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, IL 60616.

KIRILLOV, V. V. Study of the Process of Interaction of a Working Tool of a Rotary Implement with the Soil. Translated from Russian: *Doklady Vsesoyuznoi Akademii S-Kh., Nauk., Moskva*, 2:36-39. 1978. TRANS. No. 25085.

RUDAKOV, G. M. Basis of Some Parameters of Rigid Tooth Harrows for Operation at High Speeds. Translation from Russian: *Mekhanizatsiya Khlopkovodstva*, 7(213):5-7, 1977. TRANS. No. 25073.

SHEININ, N. E. Geometric Study of the Working Surfaces of Soil Working Machines. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*, 3:17-19, 1979. TRANS. No. 25098.

MALOV, A. K. Determination of the Profile of a Soil-Cutting Edge. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*, 3:15-17. 1979. TRANS. No. 25096.

MOL'DERF, V. E. Problem of Disruption of Roots With Digging Working Tools. Translated from Russian: *Trudy, Sredneaziatiskii Nauchno-Issledovatel'skii Institut Lesnogo Khozyaistva, Lesomelioratsiya i Zashchitnoe Lesorazvedenie v Srednei Azii*, 123-129, Tashkent, 1977. TRANS. No. 25078.

VORB'EV, V. I. Influence of the Parameters of a Rotary Tiller Drum on the Speed of Cutting. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*, 3:41-42. 1979. TRANS. No. 25099.

AQUACULTURE TRANSLATIONS

HARTMANN, J. Changes in Fish Due to Eutrophication of Lakes. Translated from German: *Schweiz. z Hydrol.*, 39(2):243-254. 1977. TRANS. No. 24283.

KOGANEZAWA, A. Ecological Study of the Production of Seeds of the Pacific Oyster. Translated from Japanese: *Bulletin of the Japan Sea Regional Fisheries*. TRANS. No. 25282.

MARUYAMA, T. Effect of Water Depth in Net-Cages on the Growth and Body Shape of Tilapia Mossambica. Translated from Japanese: *Bull. of [the] Freshwater Fisheries Research*. TRANS. No. 25285.

TANAKA, M. Studies on the Effective Stocking of Salmonid Fish: Part VI. Translated from Japanese: *Bulletin of [the] Freshwater Fisheries Research*. TRANS. No. 25284.

VLADIMIR, P. Technical Lysine in Rainbow Trout Nutrition. Translated from Czech: *Biol. Chem. Vet.*, 14(20):421-426, [sic]; 14(5-6):421-427, 1978.

The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged. The foreign titles are available from the Library through loan or photocopy.

Bibliografía Forestal de America Tropical (Forestry Bibliography of Tropical America). Compiled by Carmen Villegas and Laura Coto R. (IICA. Documentacion e informacion agricola, no. 69). Turrialba, Costa Rica, CIDIA, Biblioteca y Terminal de Servicios. 1979. 277 p. 4,308 citations. Price unavailable. (NAL call no.: 241 In86B).

Bibliografía Sobre Plantas de Interes Economico para la Region Amazonica (Bibliography on Plants of Economic Interest in the Amazon Valley Region). Compiled by Carmen Villegas. (IICA. Documentacion e informacion agricola, no. 26, rev. & enlarg. ed.) Turrialba, Costa Rica, CIDIA, Biblioteca y Terminal de Servicios. 1978. 167 p. 3,125 citations. Price unavailable. (NAL call no.: 241 In86B).

Bibliographie Sommaire sur l'Aflatoxine de l'Arachide: Contamination par Aspergillus flavus et techniques ... (Concise Bibliography of Aflatoxin of Peanut...). (Institut de recherches pour les huiles et oleagineux, Paris. Service documentation. Biblio., no. 57). [Paris?], I.R.H.O., Service documentation. 1978. 43 p. 122 annotated citations. Price unavailable. (NAL call no.: Z5074.05315).

Bibliography of Economic Regulation of Agricultural and Nonagricultural Industries, 1960-79. Compiled by Winston W. Grant and Dale C. Dahl. (USDA Bibliographies and Literature of Agriculture, no. 6). Washington, D.C., U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. February 1980. 50 p. Approx. 405 citations. Order from: ESCS Publications, Room 0054-South, U.S. Dept. of Agriculture, Washington, D.C. 20250. (NAL call no. Z5076.A1.U54 No.6) Free.

A Bibliography on the Red Snapper, Lutjanus campechanus (Poey) with Biological Annotation. Compiled by James G. Ragan and Alva H. Harris. (Professional Papers Series (Biology), no. 4). Thibodaux, La., Nicholls State University. February 1979. 12 p. Approx. 75 citations. Order from: Publisher, Thibodaux, La. 70301. Price unavailable. (NAL call no.: QH301.P73).

Knigu--v pomoshch' spetsialistu sel' skokhoziaistvennogo proizvodstva: Ukazatel' literatury za 1978 god (Book to aid the agricultural production specialist: Literature guide for 1978). Compiled by G. A. Makarenko and V. G. Grigor'eva. Moskva, "Kolos". 1979. 179 p. Approx. 555 annotated citations. Price unavailable.

List of LSU Forestry Notes on Growth of Loblolly and Slash Pines. Compiled by Paul Y. Burns. (LSU Forestry Notes, No. 129). Baton Rouge, Louisiana State University and Agricultural and Mechanical College, School of Forestry and Wildlife Management. July 1979. 2 p. 33 citations. Order from: LSU Forestry Notes, LSU Forestry School, Baton Rouge, Louisiana 70803. Free. (NAL call no. 99.8 L93).

List of Selected Resource Materials on Farmer-to-Consumer Direct Marketing. (U.S. Agricultural Marketing Service, AMS-577 revised). Washington, D.C., U.S. Department of Agriculture, Agricultural Marketing Service. August 1979. 7 p. 61 citations. Order from: Information Division, U.S. Agricultural Marketing Service, Room 3620-South, U.S. Department of Agriculture, Washington, D.C. 20250. Free. (NAL call no.: A280.39 M34AM).

(IBBL., Continued on p. 6)



Moniliasis: Bibliografia Parcialmente Anotada (Moniliasis: Partially Annotated Bibliography). Compiled by Carmen Villegas and Gustavo Enriquez. (IICA. Documentacion e informacion agricola, no. 71). Turrialba, Costa Rica, CIDIA, Biblioteca y Terminal de Servicios. 1979. 45 p. 194 citations. Price unavailable. (NAL call no.: 241 ln86B).

Povyshenie kachestva zerna pshenitsy: Ukazatel' otechestvennoi literatury za 1974-1978 gg. ..., inostrannoi za 1977-1978 gg.... (Improving the Quality of Wheat Seed: Guide to domestic literature for 1974-1978..., foreign for 1977-1978...). Compiled by L. G. Klosed. Moskva, TSNSKhB VASKhNIL. 1979. 196 p. 1,154 annotated citations. Price unavailable.

Proizvoditel'nost' truda v sel'skom khoziaistve: Ukazatel' literatury za 1976-1978 gg. ... (Labor Productivity in Agriculture: Guide to Literature for 1976-1978). Compiled by T. V. Dorofeeva. Moskva, TSNSKhB VASKhNIL. 1979. 134 p. 770 annotated citations. Price unavailable.

Zashchita rastenii v bor'be za urozhai: Rekomendatel'nyi ukazatel' literatury [1975-1978]. Compiled by G. A. Makarenko and T. I. Sheinina. Moskva, "Kolos." 1979. 63 p. Price unavailable.

Zhivotnovodcheskie komplekсы: Rekomendatel'nyi ukazatel' literatury (Animal Husbandry Complex: Guide to Recommended Literature). Compiled by G. A. Makarenko and T. I. Sheinina. Moskva, "Kolos." 1979. 57 p. Approx. 105 annotated citations. Price unavailable.

Clearance has been granted to USDA authors to compile or publish the following bibliographies:

A Bibliography and a Keyword-in-Context Index of the Biting Midges (Diptera: Ceratopogonidae).

Compiled by W. R. Atchley, W. W. Wirth, C. T. Gaskins, and S. S. Strauss. For information contact: Dr. W. W. Wirth, Systematic Entomology Laboratory, USDA, SEA, AR, NER, c/o U.S. National Museum NHB 168, Washington, D.C. 20560.

Forest and Range Soils Research in Oregon and Washington: A Bibliography with Abstracts from 1975 through 1979. Compiled by R. F. Tarrant and G. O. Klock. For information contact: Dr. G. O. Klock, Forest Hydrology Laboratory, USDA Forest Service, 1133 N. Western Avenue, Wenatchee, WA 98801.

Reclamation and Revegetation of Land Areas Disturbed by Man: An Annotated Bibliography of Work by Agricultural Research, S.E.A., 1972-1979. Compiled by R. F. Follett. For information contact: Dr. R. F. Follett, Soil Fertility and Plant Nutrition, USDA, SEA, AR, NPS, SWAS, Room 233, Building 005, Beltsville Agricultural Research Center, Beltsville, MD 20705.



The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the TIS Reference Staff in response to customer requests.

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Reference Division
Technical Information Systems, SEA,
USDA
National Agricultural Library
Building
Beltsville, MD 20705

NAL--BIBL.--79-26. *Atrazine, 1974-1978*. 296 citations from AGRICOLA. Search by Charles N. Bebee. July 1979.

NAL--BIBL.--79-27. *Drip and Trickle Irrigation, 1974-1978*. 265 citations from AGRICOLA. Search by David Hoyt and Charles N. Bebee.

NAL--BIBL.--79-28. *Organic Farming and Gardening, 1969-1978*. 200 citations from AGRICOLA. Search by Charles N. Bebee. July 1979.

NAL--BIBL.--79-29. *Weather Models and Simulation Studies Applied to Agriculture, 1970-1978*. 183 citations from AGRICOLA. Search by David R. Hoyt. July 1979.

NAL--BIBL.--79-30. *Wood as Fuel and an Alternative Energy Source, 1968-1978*. 122 citations from AGRICOLA. Search by Charles N. Bebee. July 1979.

NAL--BIBL.--79-31. *Farm Families and Family Farms, 1968-1978*. 131 citations from AGRICOLA. Search by Charles N. Bebee. September 1979.

NAL--BIBL.--79-32. *Transporting Commodities and Rural People, 1969-1978*. 279 citations from AGRICOLA. Search by Charles N. Bebee. September 1979.

NAL--BIBL.--79-33. *Foreign Ownership of U.S. Agricultural Lands, 1970-December 1978*. 61 citations from AGRICOLA. Search by David R. Hoyt. September 1979.

NAL--BIBL. 79-34. *Thesauri and Vocabularies for use in Searching Agriculturally Related Data Bases, 1969-1979*. Search by Charles N. Bebee. January 1980.

NAL--BIBL.--79-35. *Guayule, 1975-1978*. 35 citations from AGRICOLA. Search by Jerry Rafats. December 1979.

NAL--BIBL. 79-36. *Christmas Tree Production, 1969-June 1979*. 315 citations from AGRICOLA. Search by Jerry Rafats. December 1979. Supersedes 77-01.

NAL--BIBL. 80-01. *Direct Marketing: Farmer to Consumer, 1968-1979*. Search by Sheldon Cheney. January 1980.

NAL--BIBL. 80-02. *Allelopathy: the Harmful Effects of Chemicals Produced by One Plant Upon Another, 1970-1978*. 176 citations. Search by Henry Gilbert. November 1979.

NAL--BIBL. 80-03. *Greenhouse Energy Conservation, 1974-1979*. Search by Charles N. Bebee. January 1980.

NAL--BIBL.--80-04. *Plant Explorations and Introductions, 1970-1979*. 271 citations from AGRICOLA. Search by Ann Juneau. January 1980.

CAPITOL HILL LEGISLATION



AGRICULTURE

Egg Research and Consumer Information Amendments of 1980. H.R. 6285. Amendments reported from Agriculture Committee February 13, 1980; Rept. 96-752; House passed, under suspension of rules, February 19, 1980; referred to Senate Agriculture, Nutrition and Forestry February 29, 1980.

Emergency Agricultural Credit Adjustment Act. H.R. 6291 [S. 2269]. Amends the Act of 1978 and the Commodity Credit Corporation Charter Act to extend and increase certain agricultural loan programs. House Agriculture Committee reported H.R. 6291 February 22, 1980; H. Rept. 96-782; Senate Agriculture, Nutrition and Forestry Committee reported S. 2269 February 25, 1980; S. Rept. 96-591.

Federal Crop Insurance. S. 1125 [H.R. 4119]. Provides comprehensive all-risk insurance to every American farmer; provides for a 150 percent increase on the capital stock of the Federal Crop Insurance Corporation; for cooperation with private insurers; and for a two year phase out of the disaster payments program. Senate Agriculture, Nutrition and Forestry Committee reported S. 1125 July 20, 1979; S. Rept. 96-254; passed Senate September 10, 1979. House Agriculture reported H.R. 4119 September 13, 1979; H. Rept. 96-430; passed House February 13, 1980; House subsequently vacated action passed S. 1125 amended in lieu with language of H.R. 4119. Asked for a conference and appointed conferees, February 13, 1980.

Target Prices. H.R. 3398. Amends Food and Agriculture Act of 1977 to provide in conformity with the President's anti-inflation guidelines, increases of 7% in target prices for wheat and feed grains. The target prices for grain sorghums and barley would be adjusted to such levels as the Secretary of Agriculture deems fair and reasonable in relation to corn. House and Senate agreed to conference report March 4, 1980. Bill enrolled.

AQUACULTURE

National Aquaculture Act of 1979. S. 1650. Provides for the development of aquaculture in the United States. S. 1650 was introduced and referred jointly to the Committee on Agriculture, Nutrition, and Forestry and Commerce, Science, and Transportation. Joint hearings were held October 30, 1979, on S.1408 and S. 1650. Pending in Committee.

National Fishery Development Act. S. 1656. Provides for a national program of fisheries research and development. The Secretary of Agriculture shall transfer to the Secretary of Commerce each fiscal year, an amount equal to 30 percent of the gross receipts from duties collected under the customs laws on fishery products to be used in carrying out fisheries development projects. Reported in Senate November 28, 1979; S. Rept. 96-431; passed Senate December 5 and referred to House Merchant Marine and Fisheries Committee December 6, 1979.

(LEGISLATION, Continued on p. 10)

CAPITOL HILL LEGISLATION



ENERGY

Energy Research. H.R. 8006. Provides for an accelerated program of wind energy research, development and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies. Referred to House Science and Technology Committee December 3, 1979. Pending in Committee.

Wind Energy Systems Research, Development, and Demonstration Act of 1979. H.R. 5882. Provides for an accelerated program of wind energy research, development, and demonstration to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies. Reported from House Science and Technology November 27, 1979; Rept. 96-662; debated in House December 3, and passed under suspension of rules December 4, 1979. Referred to Senate Energy and Natural Resources, December 6, 1979.


PATENTS

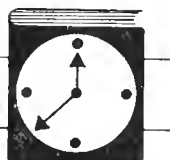
Patent, University and Small Business Patent Procedures Act. S. 414. Allows universities, nonprofit organizations, and small businesses to obtain limited patent protection on discoveries made under Government-supported research. Referred to Senate Judiciary Committee February 9, 1979, and reported with an amendment December 12, 1979; S. Rept. 96-480.



POSITIONS OPEN

Librarian, Life Sciences, Purdue Univ. (Search Reopened). Qualifications: Master's degree in Library Science (ALA-Accredited) Required: Second Master's in Agriculture, biological sciences or related areas desirable; a record of at least 5 years of successful experience in the management of a library in agriculture/ science/technology fields; experience with or knowledge of computer-based information retrieval systems. Faculty status and responsibilities. Salary \$18,000 or more depending on qualifications. Send resume and list of references to: Thomas L. Haworth, Personnel Officer, Libraries/ Audio-Visual Center, Stewart Center, Purdue University, West LaFayette, IN 47907. Deadline for applications May 15, 1980. An equal opportunity/affirmative action employer.

Assistant Life Sciences Librarian, Purdue Univ. Qualifications: MLS (ALA Accredited) required; second masters in agriculture, science, technology desirable plus professional experience in agriculture, science, technology library. Faculty status and responsibilities. Fiscal year appointment. Salary: \$13,000 or more depending upon qualifications. Send resume and list of references to: Thomas L. Haworth, Personnel Officer, Libraries/Audio-Visual Center, Stewart Center, Purdue University, West LaFayette, IN 47907. Deadline for applications: April 15, 1980. An equal opportunity/affirmative action employer. 



May 11-14: *LIFE CYCLE PROBLEMS AND ENVIRONMENTAL TECHNOLOGY*. Marriott Hotel, Philadelphia, Pa. Contact: Henry Caruso, Westinghouse Electric Corp., Box 746. Mail Stop 504 Baltimore, MD 21103 (telephone: 301-765-2541).

May 13-15: *SYMPOSIUM: THE HISTORY OF AGRICULTURE IN THE SOUTHWEST*. Texas A&M University, College Station, Tx. Contact: Irvin M. May, Research Historian, TAES-University Archives (telephone: 713-845-5043), or Henry C. Dethloff, Department of History, Texas A&M University, College Station, TX 77843.

May 19-22: *SOUTHERN PASTURE AND FORAGE CROP IMPROVEMENT CONFERENCE*. Nashville, Tenn. Contact: B. V. Conger, Plant and Soil Science Dept., Univ. of Tennessee, P.O. Box 1071, Knoxville, TN 37901.

June 15-18: *AMERICAN DAIRY SCIENCE ASSOCIATION*. Blacksburg, Va. Contact: C. Cruse, ADSA, Illinois Bldg., Rm. 311, 113 N. Neil St., Champaign, IL 61820.

June 29-July 2: *CONFERENCE ON VITAMIN B6 METHODS - NUTRITION STATUS*. Timberline Lodge, Ore. Contact: James Keklem, Oregon State University, Depts. of Foods and Nutrition, Corvallis, OR 97331.

June 30-July 2: *ANNUAL MEETING OF INSTITUTE OF NUCLEAR MATERIALS MANAGEMENT (NMM)*. West Palm Beach, Fla. Contact: T. A. Gerdis, INMM, P.O. Box 6247, Louisville, KY. 40207.

June 29-July 3: *WORLD CONGRESS-FOODBORNE INFECTIONS & INTOXICATIONS*. Berlin, Germany. Contact: German Convention Services, Kongressorganisation Walter E. Stohrer, OHG, Joachimstaler Strasse 17, D-1000 Berlin 15, German.

July 1980: *AMERICAN VETERINARY MEDICAL ASSOCIATION*. Washington, D.C. Contact: D. A. Price, AVMA, 930 N. Meacham Rd., Schaumburg, IL 60196.

July 6-11: *FOREST PRODUCTS RESEARCH SOCIETY*. Boston, Mass. Contact: FPRS 2801 Marshall Ct., Madison, WI 53705.

July 27-30: *AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION*. Urbana, IL. Contact: J. C. Redman, AAEA, c/o Dept. of Agric. Econ., Univ. of Kentucky, Lexington, KY 40506.

July 27-31: *AMERICAN SOCIETY OF ANIMAL SCIENCE*. Ithaca, N.Y. Contact: D. C. England, Dept. of Animal Science, Oregon State Univ., Corvallis, OR 97331.

August 3-9: *16th INTERNATIONAL CONGRESS OF ENTOMOLOGY*. Kyoto, Japan. Contact: James S. Packer, Entomological Society of America, 4603 Calvert Rd., College Park, MD 20705.

August 10-14: *WESTERN HEMISPHERE NUTRITION CONGRESS VI*. Los Angeles, Calif. Contact: Max Milner, Executive Officer, American Institute of Nutrition, 9650 Rockville Pike, Bethesda, MD 20014.

August 17-20: *TREES IN THE 21st CENTURY*. University of Sussex, Brighton, England. U.S. Contact: Gordon King, Dept. of Landscape Architecture and Regional Planning, University of Massachusetts, Amherst, MA 01003.

August 17-21: *XIEME COLLOQUE DES NEMATOLOGISTES D' AMERIQUE TROPICALE, ORGANIZACION DE NEMATOLOGOS DE LOS TROPICOS AMERICANOS*. Guadeloupe, F.W.I. Contact: A. Kermarrec, INRA-CRAAG, Station de Zoologie et Lutte Biologique, Domaine Duclos, 97170-Petit Bourg, Guadeloupe, Antilles Francaises, F.W.I. Tel.: 85.20.40-85.22.80-85.22.27.

August 24-28: *AMERICAN/CANADIAN PHYTOPATHOLOGICAL SOCIETIES*. Minneapolis, Minn. Contact: R. J. Tarleton, APS, 3340 Pilot Knob Rd., St. Paul, MN 55121.

August 31-September 6: *SIXTH INTERNATIONAL CONFERENCE ON GLOBAL IMPACTS OF APPLIED MICROBIOLOGY*. Lagos, Nigeria. Contact: Prof. O. Ogunbi, Chairman, GIAM VI, Organizing Committee, Department of Microbiology and Parasitology, Lagos University Teaching Hospital, P.M. Gag 12003, Lagos, Nigeria.

September 15-19: *INTERNATIONAL SEMINAR ON ENERGY CONSERVATION AND THE USE OF SOLAR AND OTHER RENEWABLE ENERGIES IN AGRICULTURE, HORTICULTURE AND FISH CULTURE*. London, England. Contact: Frederick Vogt, Polytechnic of Central London, 35 Marylebone Rd., London NW1 4LS, England (COMM 01-486-5811, ext. 284).

October 1980: *COUNCIL OF BOTANICAL & HORTICULTURAL LIBRARIES*. New York, N.Y. Contact: Charles R. Long, Library, New York Botanical Garden, Bronx, NY 10458.

October 20-22: *SYMPOSIUM ON RURAL POLICY AND FARM STRUCTURE*. Ames, Iowa, Iowa State University. Sponsored by the University, the U.S. Department of Agriculture, the Farm Foundation, and the Policy Studies Organization. Coordinators are:

Don F. Hadwiger, Dept. of Political Science, Iowa State University, Ames, Iowa 50011
David Brewster, Agricultural History Branch, Economics, Statistics, and Cooperatives Service, U.S. Dept. of Agriculture, Washington, D.C. 20250
William P. Browne, Dept. of Political Science, Central Michigan University, Mt. Pleasant, Michigan 48859
Garth Youngberg, Agricultural Research--Science Education Administration Bldg. 005, BARC-West, Beltsville, Maryland 20705

December 1-2: *ASAF CONFERENCE ON CROP PRODUCTION WITH CONSERVATION IN THE 80's*. Palmer House, Chicago, IL. Contact: John C. Siemans, Chairman, Conference on Crop Production with Conservation in the 80's, Agricultural Engineering Department, University of Illinois, Urbana, IL 61801 (telephone: 217-333-2854)

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